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U-005-1005.6

**OPERABLE UNIT 3 REMEDIAL DESIGN/REMEDIAL ACTION
COMMUNITY ROUNDTABLE AGENDA JUNE 2, 1994**

06/02/94

**DOE-FN
107
AGENDA**

Operable Unit 3 Remedial Design/Remedial Action Community Roundtable

5841

June 2, 1994

Agenda

U-005-1005, 6

7 p.m.	Welcome	Gary Stegner, DOE Public Information
7:05 p.m.	Presentations	Johnny Reising, DOE Deputy Assistant Manager for Environmental Restoration
		Dennis Dalga, Operable Unit 3 Environmental Planning Manager
7:45 p.m.	Open Discussion	
9 p.m.	Adjourn	

Operable Unit 3 Remedial Design/Remedial Action Planning

- **Public Participation Process**
- **Scope and Purpose of the Interim Action**
- **Interim Record of Decision (IROD)/Final Record of Decision**
- **IROD conditionally approved by US and Ohio EPA May 12, 1994**
- **Finding of No Significant Impact signed May 25, 1994**
- **Revised IROD transmitted to Headquarters for Grumbly signature May 26, 1994**
- **Amended Consent Agreement requires submittal of IROD to EPA 30 days after approval - June 12, 1994**
- **EPA signature ? July 12, 1994**
- **Amended Consent Agreement requires submittal of Remedial Design Work Plan to EPA 60 days after finalization of IROD - September 1994**
- **Implementation of IROD by Design/Bid Process**
- **Remedial Design Work Plan**
- **Remedial Action Work Plan**
- **Operable Unit 3 will submit Remedial Design and Remedial Action information as combined Work Plan**
- **Implementation Plan**

Operable Unit 3 Remedial Design/Remedial Action Planning

Decontamination and Dismantlement Methodology

- No substantive changes since the Operable Unit 3 Proposed Plan public meeting on January 5, 1994.
- General steps to the methodology are:
 - remove material/equipment and deenergize
 - gross decontamination as necessary
 - asbestos removal
 - dismantle above-grade structures
 - segregate, size reduce, package, disposition material/debris
 - remove pads and below-ground structures
 - segregate, size reduce, package, disposition material/debris

Sequencing

- Focus is on nineteen complexes
- Criteria for selecting order in which complexes are dismantled include such factors as:
 - facility use
 - constructability
 - hazards within a facility
 - cost to maintain the facility
 - Hazardous Waste Management Units
 - remediation needs of other operable units
 - consideration of utilities
- 16-year optimum schedule
- Funding constraints end up being one of the biggest factors in the schedule for building decontamination and dismantlement.

Material/Debris Handling

- Utilization of existing storage facilities
- Construction of a Central Storage Facility
- Lessons learned from Plant 7
 - recycle metals to the extent practical
 - most of the remaining construction debris will be shipped to the Nevada Test Site

Protection of Employees, the Community and the Environment

- Activities themselves will be planned and developed in a way to minimize emissions, including the use of administrative and engineering controls, such as:
 - Health & Safety Plans
 - Procedures
 - Airborne and Stormwater Containment
 - Contaminant Fixation
 - Use of negative air in buildings
 - Closure of building cracks, holes, etc.
- Other controls will be utilized to ensure that the above controls are effective, such as:
 - groundwater monitoring
 - surface water program
 - air emissions monitoring
 - asbestos air monitoring
 - radiological monitoring
 - Fernald Site Environmental Monitoring Program
 - Occupational Air Monitoring Program
 - supplemental on-site environmental/ambient air monitoring

Implementation Plan

- Complex Specific Details
- Submittal for USEPA and OEPA review
- Available for public examination
- Proposed Outline for Implementation Plan
 - Background
 - Planning Activities
 - Controls
 - Decontamination & Dismantlement Activities
 - Waste Handling, Storage and Disposition
 - Sampling
 - Schedule

Remedial Design and Remedial Action Work Plans

The following information on Remedial Design Work Plans and Remedial Action Work Plans has been excerpted from the Amended Consent Agreement.

Each Remedial Design (RD) or Remedial Action (RA) Work Plan shall be developed in conformance with the Record of Decision (ROD), U.S. Environmental Protection Agency (USEPA) Remedial Design & Remedial Action Guidance and policy applicable at the time of the Record of Decision signature date, and any additional guidance documents provided by USEPA. Each Remedial Design or Remedial Action Work Plan shall include a schedule of implementation of the tasks identified therein and of submittal of the reports identified therein [Amended Consent Agreement, Section XI.A, p. 44].

Primary documents are subject to review by USEPA in consultation with the Ohio Environmental Protection Agency (OEPA) [Amended Consent Agreement, Section XII.B.1, p. 47], with a review/comment period of 60 days [Amended Consent Agreement, Section XII.G.2, p. 52].

DOE shall commence the implementation of the Remedial Design or Remedial Action Work Plans within 30 days of approval and finalization of each individual Work Plan [Amended Consent Agreement, Section XI.C, p. 45].

Remedial Design Work Plan

Within 60 days of signature of Record of Decision for an Operable Unit, submit to USEPA for approval a Remedial Design Work Plan to accomplish the design of the remedial action to include but not be limited to a schedule for implementation of tasks required to complete design [Amended Consent Agreement, Section XI.A, p. 43]. The Remedial Design Work Plan is a primary document [Amended Consent Agreement, Section XII.C.1.e, p. 48].

Remedial Action Work Plan

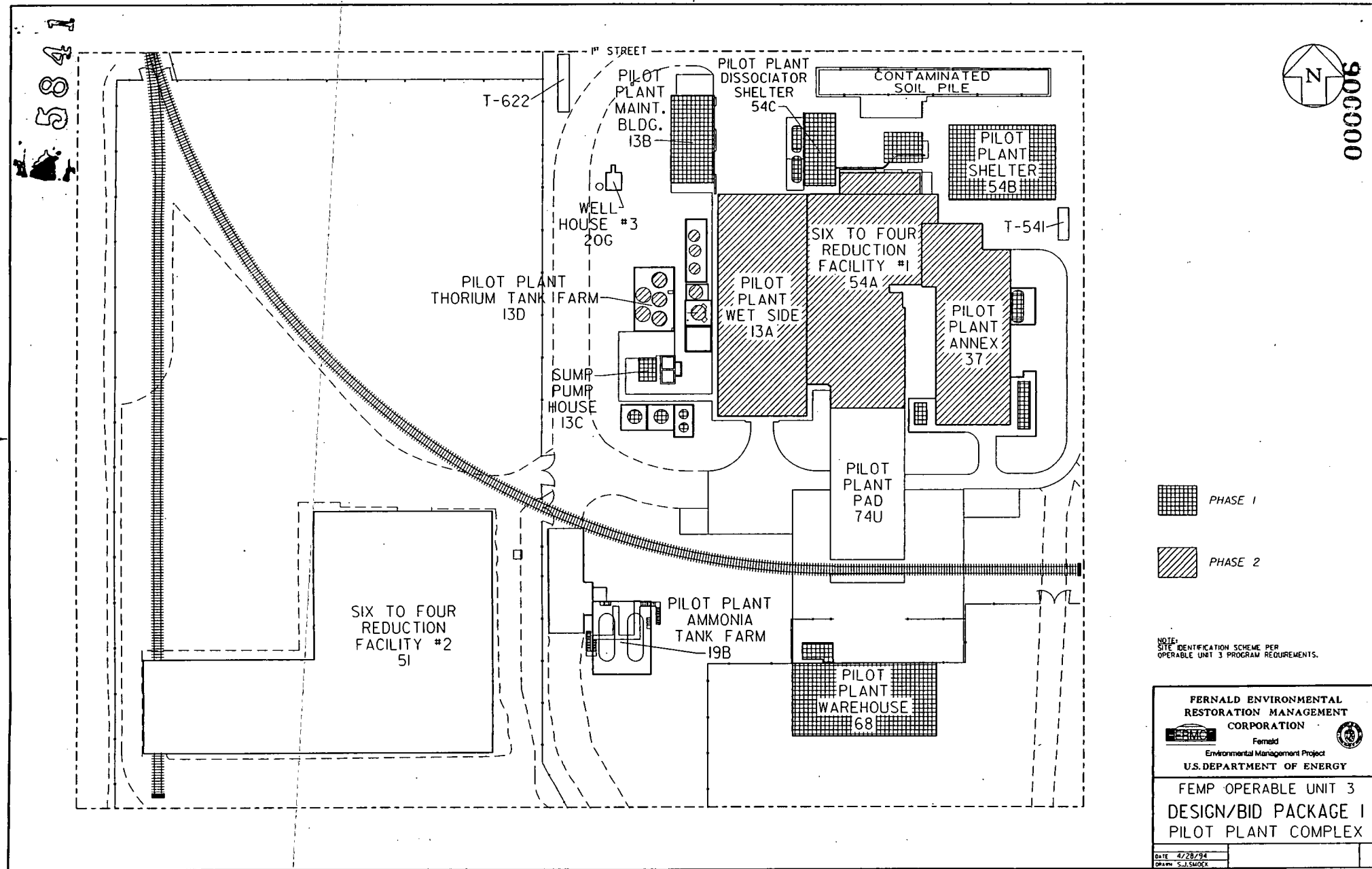
In accordance with the schedule contained in the approved Remedial Design Work Plan, submit to USEPA for approval the Remedial Action Work Plan, to include but not be limited to the following project plans [Amended Consent Agreement, Section XI.A, p. 43]:



- 1) Sampling & Analysis Plan/Construction Quality Assurance Plan
- 2) Health & Safety/Contingency Plan
- 3) plan for satisfaction of permitting requirements (if any)
- 4) groundwater monitoring plan (if any)
- 5) operations & maintenance plan (if any)

The Remedial Action Work Plan is a primary document [Amended Consent Agreement, XII.C.1.f, p. 48].


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 PHASE 1
 PHASE 2

NOTE:
SITE IDENTIFICATION SCHEME PER
OPERABLE UNIT 3 PROGRAM REQUIREMENTS.

FERNALD ENVIRONMENTAL RESTORATION MANAGEMENT CORPORATION  Fernald Environmental Management Project U.S. DEPARTMENT OF ENERGY	
FEMP OPERABLE UNIT 3 DESIGN/BID PACKAGE 1 PILOT PLANT COMPLEX	
DATE: 4/28/94 DRAWN: S.J. SMOCK	

TIMELINE FOR OPERABLE UNIT 3 ACTIONS

